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1 MISSION STATEMENT

The National Oceanographic Data Centre's (NODC) mission is to pursue Open Science, fostering free access and use of Italian marine data following the FAIR data principles, according to which data must be easily Findable, Accessible, Interoperable and Reusable.

2 MISSION EXPLANATION

Since 27/6/2002, OGS has been entitled as the Italian National Oceanographic Data Centre (NODC) within the world-class data centre network of the International Oceanographic Data Exchange (IODE) System of the UNESCO Intergovernmental Oceanographic Commission (IOC). As part of the IOC's network of National Oceanographic Data Centres, it has designated responsibility for the coordination of data and information management at national level.

NODC manages the most comprehensive national archive of oceanographic data. This effort requires the gathering, standardization, quality control, processing, dissemination, and preservation of data mainly generated by the national scientific academy within the Mediterranean Sea but also by other data providers in the neighboring sea basins. The NODC database includes data from coastal and deep sea areas, covering the fields of physics, chemistry, biology, geology and meteorology.

The NODC pursue at national level the following main objectives of the IODE programme (revision IODE-XXII, March 2013):

- Facilitate and promote the discovery, exchange of, and access to, marine data and information including metadata, products and information in real-time, near real time and delayed mode, through the use of international standards, and in compliance with the IOC Oceanographic Data Exchange Policy for the ocean research and observation community and other stakeholders;
- Encourage the long term archival, preservation, documentation, management and services of all marine data, data products, and information;
- Develop or use existing best practices for the discovery, management, exchange of, and access to marine data and information, including international standards, quality control and appropriate information technology.

OGS-NODC

Director

Alessandra Giorgetti

